

# NEOFAX® PREMIER



More than 430,000 premature babies are admitted to neonatal intensive care units (NICU) each year. Because commercially available drugs are not tested on infants in the United States, more than 90 percent of the drugs prescribed to them are off-label. Consequently, neonatal drug dosing and parenteral nutrition ordering are among the most complex and error-prone in healthcare today.

As part of the Micromedex Healthcare Solution, **NeoFax Premier** features neonatal drug and fluid-nutrient dosing and is designed to help clinicians accurately prescribe, calculate, formulate, and administer essential drugs and parenteral nutrition solutions for neonates.

Its intuitive interface makes this a must-have resource for physicians, nurses, and pharmacists that work in the NICU. Using NeoFax Premier will help improve consistency across the neonatal care team and reduce medication errors.

## A MUST-HAVE NEONATAL DRUG INFORMATION RESOURCE

- Provides patient-specific drug dosing tools
- Provides complete neonatal drug information, covering more than 150 substances
- Ensures critical information and tools are readily available at the point of care
- Ideal for those who prescribe, compound, or administer medications

## FEATURES

- Patient-specific drug dosage calculator
- Parenteral nutrition (PN) ordering
- Customizable defaults and warning ranges
- Nutrient, energy, osmolarity, and aluminum calculations
- PN compounder interface
- Label printing
- ADT interface
- Easy-to-use interface

## BENEFITS

- Reduces medication errors
- Addresses Joint Commission guidelines for infusion calculations
- Reduces time for ordering and compounding
- Prevents calcium and phosphorus precipitation
- Guides order entry and archives history

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Thomson Reuters  
777 E. Eisenhower Parkway  
Ann Arbor, MI 48108 USA  
Phone +1 800 366 7526

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NeoFax EM | Infant Formula | Patients | Drug Dosing | PN Orders | PN Utilities | DC Utilities | Admin | Password

Calculate Dosage | Modify Dosage | Reprint Dosage | Cancel Dosage | Order History | Order Export | Logout

Drug Dosage Calculator | Thomas Young, MD | 07/25/2008

### Dopamine

Select the drug use and route that you wish to calculate the dosage for. Once selected the calculator screen will be displayed.

Drug Use: Continuous Infusion | Drug Route: IV

Sanders, Baby Girl | 1.5 kg  
238899 | 32 wk, 0 da EGA  
2 days old | 32 wk, 2 da PMA

NeoFax®  
2 to 20 mcg/kg per minute  
Maximum < 3200 mcg/mL

Ordered  
DOSE: 5 mcg/kg/min  
CONC: 1000 mcg/mL  
RATE: 0.45 mL/hr

Compound: 30 mL syringe

NS | 24.37 mL  
Dopamine 40 mg/mL | 0.63 mL  
Total volume: 25 mL  
Maximum infusion time: 55.56 hours

Observe IV site closely for blanching or signs of infiltration

Change Drug | Reset Form | Calculate | Print/Save | Dose Vs. Rate | Compatibility | Comments

NeoFax provides patient-specific dosing calculators to reduce medication errors.

